

KUN TIL HYDRAULIK, SPRING, DOME OG AIR LOADED, PISTON SENSOR

54-2100 Serien Backpressure Regulator

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- Max Indgangstryk: 1034 bar
- Pressure range: 0-34.5, 0-55.2, 0.69-103, 1.0-172, 1.7-276, 3.4-414, 13.8-690, 20.7-1034 bar
- Leakage: Maximum 2 drops/minute at 150 SUS at 2500 psig / 172 bar
- Temperaturområde: -26 til 74°C
- CV: 0.08



AIR LOADED



SPRING LOADED



DOME LOADED

PRODUKTBESKRIVELSE

TESCOM 54-2100 Serien

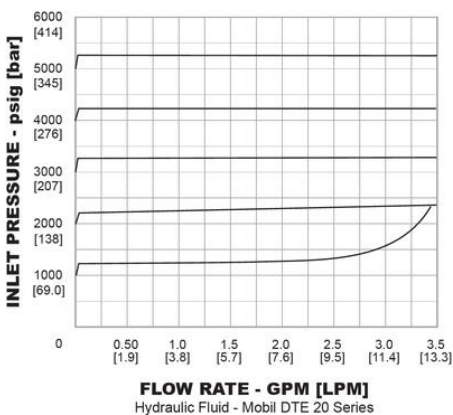
Backpressure regulator som kan bruges til væske applikationer op til 1034 bar. Den er også tilgængelig i med modifikationer for 1379 bar eller 2068 bar. Forstærket AISI 316 Stainless Steel seat og stem som giver et superænt wear resistance i hårde miljøer.

Applikationer

- Pump discharge pressure control
- Chemical injection
- Burst testing

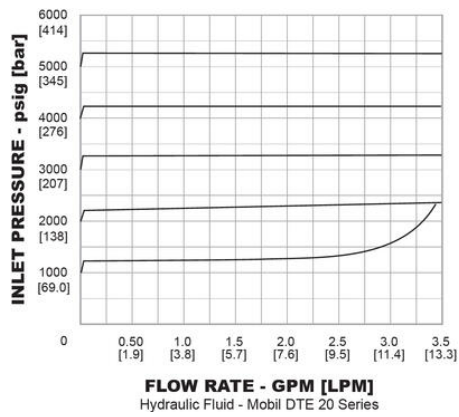
Fordele

- Nøjagtighed ± 1% af kontrol pressure range
- Nem at justere, low torque handknob kontrol, tilgængelig i dome og air loaded versioner
- Forstærket AISI 316 Stainless Steel seats
- Sikker og reliable piston-style sensor
- Panel montering som standard
- Kompatibel med pneumatiske aktuatorer og ER5000.



Example for selecting a part number:

54-21	6	1	D			2	4	LOADING
			DYNAMIC	STATIC	SEAT			
BASIC SERIES	BODY MATERIAL	INLET PRESSURE	SOFT GOODS MATERIAL			INLET AND/OUTLET PORT TYPE	INLET AND/OUTLET PORT SIZE	
54-21	6 - 316 Stainless Steel	<ul style="list-style-type: none"> 0 - 300 (15,000) psig (20.7 (1434) bar) 1 - 200 (10,000) psig (13.8 (938) bar) 2 - 50 (2,500) psig (3.4 (238) bar) 3 - 25 (1,250) psig (1.7 (119) bar) 4 - 15 (750) psig (1.0 (70) bar) 5 - 10 (500) psig (0.69 (49) bar) 6 - 0 (0) psig (0) bar 7 - 0 (0) psig (0) bar 	<ul style="list-style-type: none"> D - Nitrile E - Buna-N F - Viton G - PTFE H - PTFE I - PTFE J - PTFE K - PTFE L - PTFE M - PTFE N - PTFE O - PTFE P - PTFE Q - PTFE R - PTFE S - PTFE T - PTFE U - PTFE V - PTFE W - PTFE X - PTFE Y - PTFE Z - PTFE 	<ul style="list-style-type: none"> 1 - 316 Stainless Steel 2 - 316 Stainless Steel 3 - 316 Stainless Steel 4 - 316 Stainless Steel 5 - 316 Stainless Steel 6 - 316 Stainless Steel 7 - 316 Stainless Steel 8 - 316 Stainless Steel 9 - 316 Stainless Steel 10 - 316 Stainless Steel 11 - 316 Stainless Steel 12 - 316 Stainless Steel 13 - 316 Stainless Steel 14 - 316 Stainless Steel 15 - 316 Stainless Steel 16 - 316 Stainless Steel 17 - 316 Stainless Steel 18 - 316 Stainless Steel 19 - 316 Stainless Steel 20 - 316 Stainless Steel 21 - 316 Stainless Steel 22 - 316 Stainless Steel 23 - 316 Stainless Steel 24 - 316 Stainless Steel 25 - 316 Stainless Steel 26 - 316 Stainless Steel 27 - 316 Stainless Steel 28 - 316 Stainless Steel 29 - 316 Stainless Steel 30 - 316 Stainless Steel 31 - 316 Stainless Steel 32 - 316 Stainless Steel 33 - 316 Stainless Steel 34 - 316 Stainless Steel 35 - 316 Stainless Steel 36 - 316 Stainless Steel 37 - 316 Stainless Steel 38 - 316 Stainless Steel 39 - 316 Stainless Steel 40 - 316 Stainless Steel 41 - 316 Stainless Steel 42 - 316 Stainless Steel 43 - 316 Stainless Steel 44 - 316 Stainless Steel 45 - 316 Stainless Steel 46 - 316 Stainless Steel 47 - 316 Stainless Steel 48 - 316 Stainless Steel 49 - 316 Stainless Steel 50 - 316 Stainless Steel 51 - 316 Stainless Steel 52 - 316 Stainless Steel 53 - 316 Stainless Steel 54 - 316 Stainless Steel 55 - 316 Stainless Steel 56 - 316 Stainless Steel 57 - 316 Stainless Steel 58 - 316 Stainless Steel 59 - 316 Stainless Steel 60 - 316 Stainless Steel 61 - 316 Stainless Steel 62 - 316 Stainless Steel 63 - 316 Stainless Steel 64 - 316 Stainless Steel 65 - 316 Stainless Steel 66 - 316 Stainless Steel 67 - 316 Stainless Steel 68 - 316 Stainless Steel 69 - 316 Stainless Steel 70 - 316 Stainless Steel 71 - 316 Stainless Steel 72 - 316 Stainless Steel 73 - 316 Stainless Steel 74 - 316 Stainless Steel 75 - 316 Stainless Steel 76 - 316 Stainless Steel 77 - 316 Stainless Steel 78 - 316 Stainless Steel 79 - 316 Stainless Steel 80 - 316 Stainless Steel 81 - 316 Stainless Steel 82 - 316 Stainless Steel 83 - 316 Stainless Steel 84 - 316 Stainless Steel 85 - 316 Stainless Steel 86 - 316 Stainless Steel 87 - 316 Stainless Steel 88 - 316 Stainless Steel 89 - 316 Stainless Steel 90 - 316 Stainless Steel 91 - 316 Stainless Steel 92 - 316 Stainless Steel 93 - 316 Stainless Steel 94 - 316 Stainless Steel 95 - 316 Stainless Steel 96 - 316 Stainless Steel 97 - 316 Stainless Steel 98 - 316 Stainless Steel 99 - 316 Stainless Steel 100 - 316 Stainless Steel 	<ul style="list-style-type: none"> 1 - 1/4" 2 - 1/2" 3 - 3/4" 4 - 1" 5 - 1 1/4" 6 - 1 1/2" 7 - 1 3/4" 8 - 2" 9 - 2 1/4" 10 - 2 1/2" 11 - 2 3/4" 12 - 3" 13 - 3 1/4" 14 - 3 1/2" 15 - 3 3/4" 16 - 4" 17 - 4 1/4" 18 - 4 1/2" 19 - 4 3/4" 20 - 5" 21 - 5 1/4" 22 - 5 1/2" 23 - 5 3/4" 24 - 6" 25 - 6 1/4" 26 - 6 1/2" 27 - 6 3/4" 28 - 7" 29 - 7 1/4" 30 - 7 1/2" 31 - 7 3/4" 32 - 8" 33 - 8 1/4" 34 - 8 1/2" 35 - 8 3/4" 36 - 9" 37 - 9 1/4" 38 - 9 1/2" 39 - 9 3/4" 40 - 10" 41 - 10 1/4" 42 - 10 1/2" 43 - 10 3/4" 44 - 11" 45 - 11 1/4" 46 - 11 1/2" 47 - 11 3/4" 48 - 12" 49 - 12 1/4" 50 - 12 1/2" 51 - 12 3/4" 52 - 13" 53 - 13 1/4" 54 - 13 1/2" 55 - 13 3/4" 56 - 14" 57 - 14 1/4" 58 - 14 1/2" 59 - 14 3/4" 60 - 15" 61 - 15 1/4" 62 - 15 1/2" 63 - 15 3/4" 64 - 16" 65 - 16 1/4" 66 - 16 1/2" 67 - 16 3/4" 68 - 17" 69 - 17 1/4" 70 - 17 1/2" 71 - 17 3/4" 72 - 18" 73 - 18 1/4" 74 - 18 1/2" 75 - 18 3/4" 76 - 19" 77 - 19 1/4" 78 - 19 1/2" 79 - 19 3/4" 80 - 20" 81 - 20 1/4" 82 - 20 1/2" 83 - 20 3/4" 84 - 21" 85 - 21 1/4" 86 - 21 1/2" 87 - 21 3/4" 88 - 22" 89 - 22 1/4" 90 - 22 1/2" 91 - 22 3/4" 92 - 23" 93 - 23 1/4" 94 - 23 1/2" 95 - 23 3/4" 96 - 24" 97 - 24 1/4" 98 - 24 1/2" 99 - 24 3/4" 100 - 25" 	<ul style="list-style-type: none"> - Spring - Piston - Dome - Air 		



Example for selecting a part number:

BASIC SERIES	BODY MATERIAL	INLET PRESSURE	SOFT GOODS MATERIAL			INLET AND OUTLET PORT TYPE	INLET AND OUTLET PORT SIZE	LOADING
			DYNAMIC	STATIC	SEAT			
54-21	6 - 316 Stainless Steel	<ul style="list-style-type: none"> 0 - 300 15,000 psig (207 1334 bar) (Spring only) 1 - 200 10,000 psig (138 689 bar) (Spring and Air only) 2 - 50 4000 psig (7.0 275 bar) (Spring and Air only) 3 - 25 2000 psig (3.5 138 bar) (Spring only) 4 - 15 1000 psig (2.1 70 bar) (Spring and Air only) 5 - 10 500 psig (1.4 35 bar) (Spring and Air only) 6 - 0 500 psig (0.7 35 bar) (Spring only) 7 - 0 500 psig (0.7 35 bar) (Spring and Air only) 	<ul style="list-style-type: none"> D - Nitril E - Buna-N F - SSBR G - Viton H - PTFE I - PTFE J - PTFE K - PTFE L - PTFE M - PTFE N - PTFE O - PTFE P - PTFE Q - PTFE R - PTFE S - PTFE T - PTFE U - PTFE V - PTFE W - PTFE X - PTFE Y - PTFE Z - PTFE 	<ul style="list-style-type: none"> 1 - 316 Stainless Steel 2 - 316 Stainless Steel 3 - 316 Stainless Steel 4 - 316 Stainless Steel 5 - 316 Stainless Steel 6 - 316 Stainless Steel 7 - 316 Stainless Steel 8 - 316 Stainless Steel 9 - 316 Stainless Steel 10 - 316 Stainless Steel 11 - 316 Stainless Steel 12 - 316 Stainless Steel 	<ul style="list-style-type: none"> 1 - 1/4" 2 - NPT 3 - NPT 4 - High Pressure 5 - 1/2" 6 - 1/2" 7 - 1/2" 8 - 1/2" 9 - 1/2" 10 - 1/2" 11 - 1/2" 12 - 1/2" 	<ul style="list-style-type: none"> 1 - Spring 2 - Inserter 3 - Inserter 4 - Inserter 5 - Inserter 6 - Inserter 7 - Inserter 8 - Inserter 9 - Inserter 10 - Inserter 11 - Inserter 12 - Inserter 		

For extended temperature of soft goods material, please consult TESCOM.

1. Available with 1/4" and 1/2" top pressure, 1/4" and 1/2" bottom pressure, 1/4" and 1/2" side.

2. Not to be used with 1/4" NPT or 1/2" NPT ports.

3. 80 psi / 5.5 bar maximum loading pressure tested.

